

FIG. 1

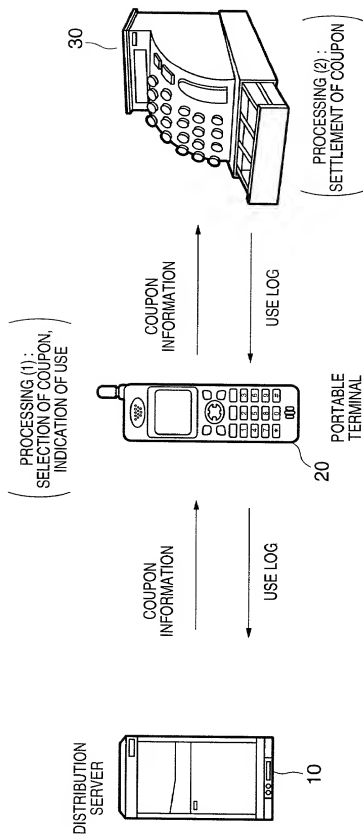


FIG. 2

PURCHASE INFORMATION IDENTIFIER	OBJECT COMMODITY	PRIVILEGE	OBJECT STORE	CLASSIFICATION OF PURCHASE INFORMATION
148739	COLA	8% DISCOUNT	CONVENIENCE STORE B	COUPON
8475092	LUNCH	\$1 DISCOUNT	CONVENIENCE STORE B	COUPON
847620	FROZEN FOOD	20% DISCOUNT	SUPERMARKET A	COUPON

FIG. 3

STORE IDENTIFIER	STORE NAME	ADDRESS	LATITUDE ,LONGITUDE
498245	CONVENIENCE STORE B	1000 I STREET, N.W.	XX1, YY1
918472	SUPERMARKET A	1200 I STREET, N.W.	XX2, YY2
62876	AB BOOKSTORE	1300 I STREET, N.W.	XX3, YY3

FIG. 4

PURCHASE INFORMATION IDENTIFIER	USER IDENTIFIER	USED STORE IDENTIFIER	USED DATE
148739	74859	498245	1999/12/23, 18:25
8475092	298571	498245	1999/06/10, 10:40
847620	444442	918472	2000/01/09, 12:30

FIG. 5

PURCHASE INFORMATION IDENTIFIER	USED STORE IDENTIFIER	USED DATE
148739	498245	1999/12/23, 18:25
8475092	498245	1999/06/10, 10:40
847620	918472	2000/01/09, 12:30

FIG. 6

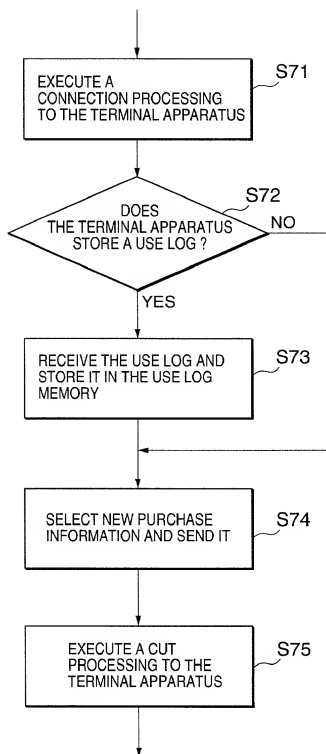


FIG. 7

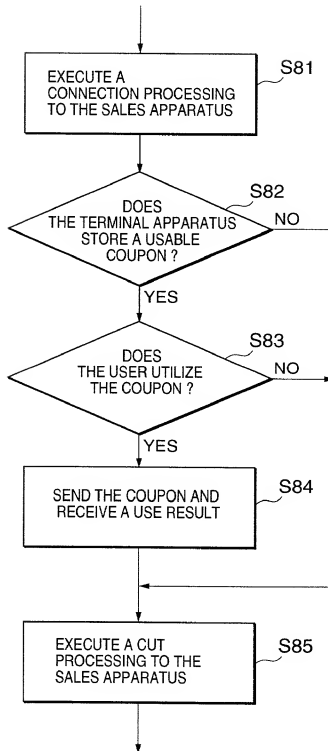


FIG. 8

PURCHASE INFORMATION MENU

1. NOTIFICATION OF COUPON USE
2. NOTIFICATION OF PAYMENT REQUEST
3. CONFIRMATION OF INFORMATION

FIG. 9

COUPON CONFIRMATION SCREEN

1. COLA 8% DISCOUNT

2. PIZZA \$1 DISCOUNT

USE CANCEL

FIG. 10

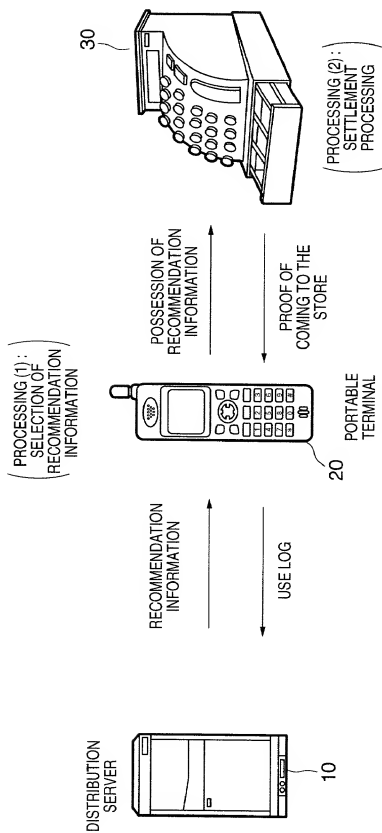


FIG. 11

PURCHASE INFORMATION IDENTIFIER	RECOMMENDATION INFORMATION	OBJECT STORE	CLASSIFICATION OF PURCHASE INFORMATION
148744	GOOD NOODLES	NOODLE SHOP A	RECOMMENDATION
8475010	GOOD SEAFOOD SERVED IN THE POT	TAVERN B	RECOMMENDATION
758305	INEXPENSIVE CHEESE CAKE	TEAROOM C	RECOMMENDATION

FIG. 12

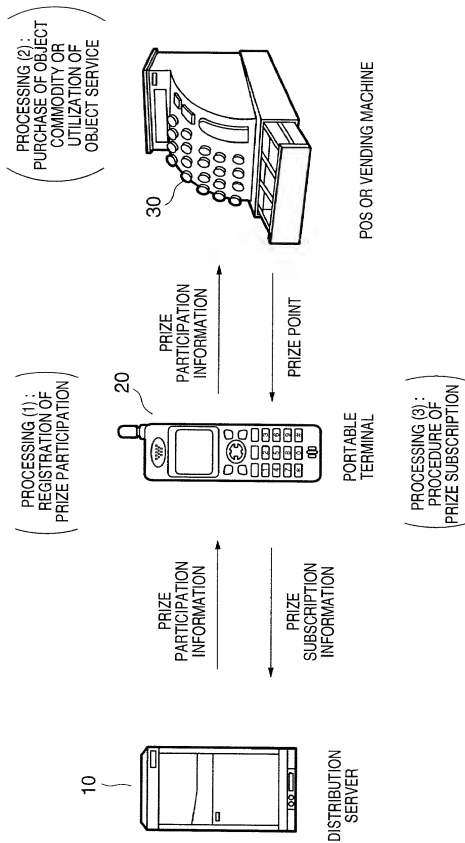


FIG. 13

PURCHASE INFORMATION IDENTIFIER	OBJECT COMMODITY	POINT	NUMBER OF NECESSARY POINT	CLASSIFICATION OF PURCHASE INFORMATION
148739	COLA	1	12	PRIZE PARTICIPATION

FIG. 14

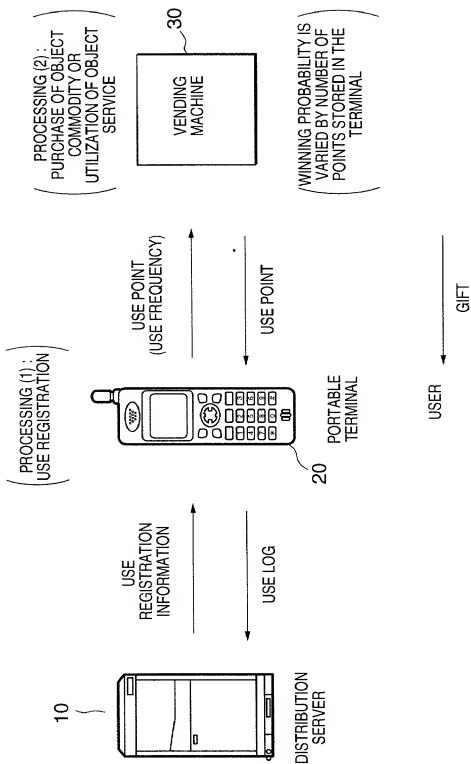


FIG. 15

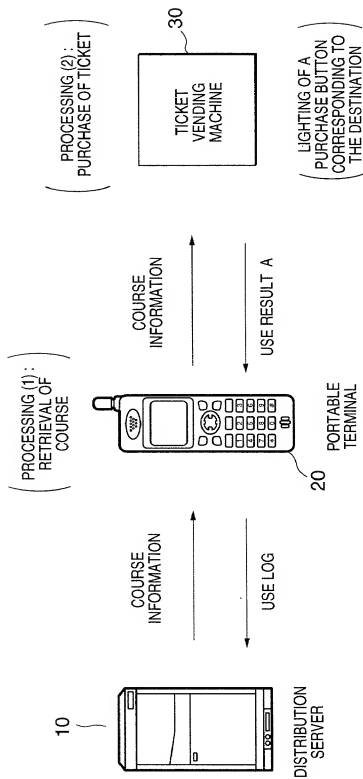


FIG. 16

PURCHASE COMMODITY

COMMODITY : SUPER DIET A

QUANTITY : 1

PRICE : \$70

INDICATION OF PAYMENT METHOD

PRINT A PAYMENT REQUEST FORM

TRANSFER A PAYMENT REQUEST INFORMATION

FIG. 18

PURCHASE INFORMATION IDENTIFIER	PAYMENT REQUEST NUMBER	AMOUNT OF MONEY	CLASSIFICATION OF PURCHASE INFORMATION
826409	236846	\$ 70	PAYMENT REQUEST

FIG. 19

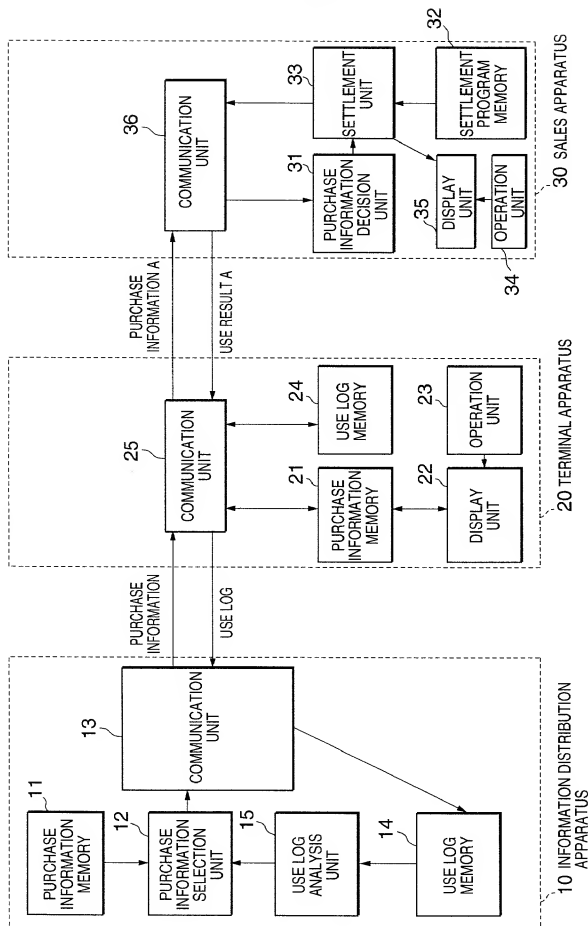


FIG. 20

2025-03-14 09:16:54

PURCHASE INFORMATION IDENTIFIER	USER IDENTIFIER	ADDITIONAL COMMENT OF USER
148744	74859	GOOD
148744	298571	NOT GOOD
148744	444442	GOOD
7463295	444442	GOOD

FIG. 21

USER IDENTIFIER	SELECTION CONDITION 1	SELECTION CONDITION 2
74859	TENDENCY SAME AS 44442	LIKING OF NOODLE
298571	TENDENCY REVERSE OF 44442	LIKING OF CAR

FIG. 22

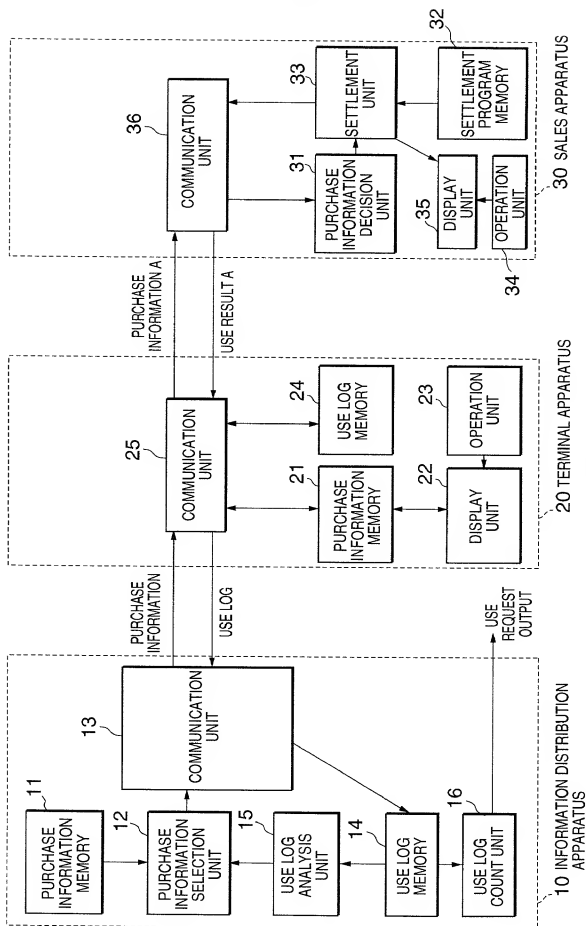


FIG. 23

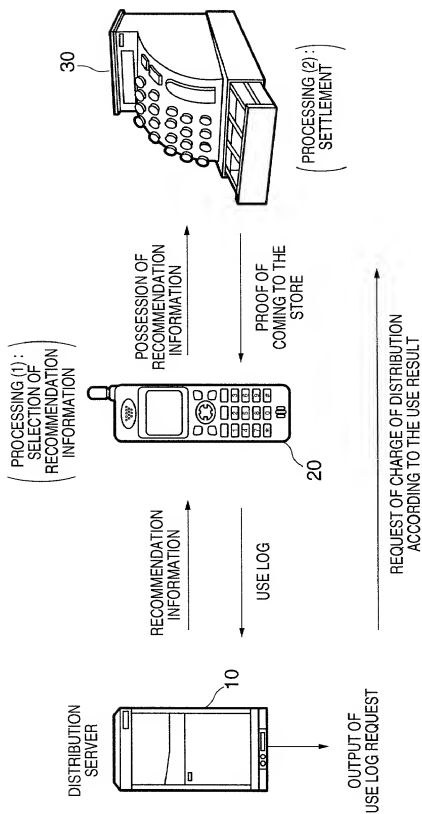


FIG. 24

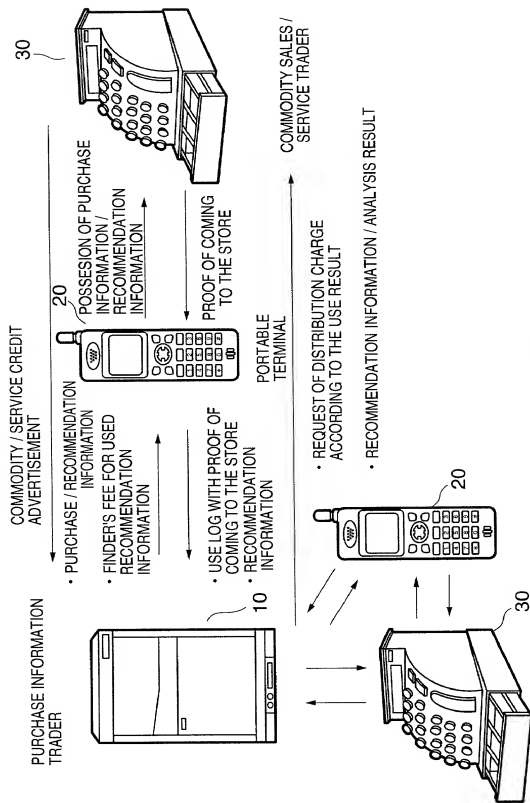


FIG. 25